

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Shigeru MURATA :  
Serial No. NEW : **Attn: APPLICATION BRANCH**  
Filed December 8, 2003 : Attorney Docket No. 2003\_1575A

A RECIPROCATING FLUID TRANSFER PUMP

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, Applicant requests consideration of the reference listed on the attached Form PTO-1449. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for each U.S. Patent and U.S. Patent application publication (*for U.S. National applications filed after June 30, 2003 and International applications that have entered U.S. National Stage after June 30, 2003*).

- 1a. ☒ This Information Disclosure Statement is submitted:
- within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**
- before the mailing date of the first Office Action on the merits,
- and thus no certification and/or fee is required.**
- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

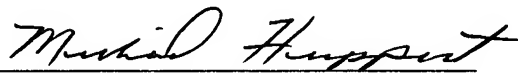
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

a. ☐ a full or partial English language translation submitted herewith,

- b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page ,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. [X] Concise explanation of the Steck et al. reference is contained the present specification at page 1.

Respectfully submitted,

Shigeru MURATA

By 

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December 8, 2003

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: December 8, 2003

ATTY DOCKET NO.  
2003\_1575ASERIAL NO.  
NEWAPPLICANT  
Shigeru MURATAFILING DATE  
December 8, 2003

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE   | NAME         | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|----------------------|----|--------------------|--------|--------------|-------|----------|-------------------------------|
|                      | AA | 6,106,246          | 8/2000 | Steck et al. |       |          |                               |
|                      | AB |                    |        |              |       |          |                               |
|                      | AC |                    |        |              |       |          |                               |
|                      | AD |                    |        |              |       |          |                               |
|                      | AE |                    |        |              |       |          |                               |
|                      | AF |                    |        |              |       |          |                               |
|                      | AG |                    |        |              |       |          |                               |
|                      | AH |                    |        |              |       |          |                               |
|                      | AI |                    |        |              |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |  |
|--|----|--------------------|------|---------|-------|----------|-----------------------|--|
|  | AJ |                    |      |         |       |          |                       |  |
|  | AK |                    |      |         |       |          |                       |  |
|  | AL |                    |      |         |       |          |                       |  |
|  | AM |                    |      |         |       |          |                       |  |
|  | AN |                    |      |         |       |          |                       |  |

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |
|--|----|--|
|  | AO |  |
|  | AP |  |
|  | AQ |  |

EXAMINER

DATE CONSIDERED